

Davanna Cleaning Supplies

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MATERIAL SAFETY DATA SHEET

COMPANY: DAVANNA CLEANING SUPPLIES

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HAZARDOUS ACCORDING TO CRITERIA OF WORKSAFE AUSTRALIA

HAZARD CATEGORY Xi Irritant

RISK PHRASES

R10 Flammable

R38 Irritating to skin.

R43 May cause skin sensitization by skin contact.

SAFETY PHRASES

S2 Keep out of reach of children.

S24 Avoid contact with skin.

S37 Wear suitable gloves.

IDENTIFICATION

PRODUCT NAME: ORANGE SOLVEX

OTHER NAMES: Terpene Hydrocarbons, N.O.S.

MANUFACTURES PRODUCT CODE:

UN NUMBER: 2319

DANGEROUS GOODS CLASS: 3

SUBSIDIARY RISK: None Allocated

HAZCHEM CODE: 3(Y)

PACKAGING GROUP: III

EMERGENCY PROCEDURE GUIDE: 15

POISONS SCHEDULE: None Allocated

USE:

Solvent degreaser.

PHYSICAL DESCRIPTION/PROPERTIES:

Appearance: Clear liquid. Citrus fragrance.

Boiling Point/ Melting point: 176 C .

Vapour Pressure: Not Available

Specific Gravity: 0.84

Flashpoint: 51 C

Flammability Limits: 0.7 - 6.1

Solubility in Water: Dispersible

pH: Not Applicable

INGREDIENTS:

CHEMICAL NAME: CAS NUMBER: PROPORTION:

D-limonene 5989-27-5 > 60%

Dipropylene Glycol Mono Methyl Ether 34590-94-8 10 - 30%

Nonionic Surfactants < 10%

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HEALTH HAZARD INFORMATION

HEALTH EFFECTS

No adverse health effects expected if the product is handled in accordance with this Safety Data Sheet and the product

label. Symptoms that may arise if this product is mishandled are:

ACUTE

SWALLOWED: Swallowing may result in nausea, vomiting, diarrhoea and abdominal pain.

EYE: An eye irritant.

SKIN: Contact with the skin may result in irritation. Will have a degreasing action on the skin. May cause skin sensitization by skin contact. Repeated or prolonged skin contact may lead to allergic contact dermatitis.

INHALED: Vapour may be irritant to mucous membranes and respiratory tract.

CHRONIC

Prolonged or repeated exposure can cause drying, defatting or dermatitis of the skin.

FIRST AID

SWALLOWED: Immediately rinse mouth with water. Give plenty of water to drink. Do NOT induce vomiting.

Seek

immediate medical assistance.

EYE: Irrigate with copious quantities of water for at least 15 minutes. In all cases of eye contamination it is a sensible

precaution to seek medical advice.

SKIN: Immediately wash contaminated skin with plenty of water. Remove contaminated clothing and wash before reuse.

If swelling, redness, blistering, or irritation occurs seek medical advice

INHALED: Remove victim from exposure. Remove contaminated clothing and loosen remaining clothing. Allow patient

to assume most comfortable position and keep warm. Keep at rest until fully recovered. Seek medical advice if effects

persist.

FIRST AID FACILITIES: Poison Information Centres in each State capital city can provide additional assistance for

scheduled poisons. Phone Australia 13 1126; New Zealand 03 4747000.

ADVICE TO DOCTOR

Treat symptomatically.

TOXICITY

No LD50 available for product.

Oral LD50(rat): 4400 - 5300 mg/kg (Limonene)

Dermal LD50(rabbit): > 5000 mg/kg (Limonene)

PRECAUTIONS FOR USE

EXPOSURE STANDARDS:

No value assigned for this specific material by the National Occupational Health and Safety Commission (NOHSC).

Exposure Standards for constituents

Dipropylene Glycol Mono Methyl Ether 8Hr TWA - 50ppm (308 mg/m³)

As published by the National Occupational Health and Safety Commission (NOHSC).

TWA - The time-weighted average airborne concentration over a normal eight-hour working day, for a five-day working

week over an entire working life

These Exposure Standards are guides to be used in the control of occupational health hazards. All atmospheric

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contamination should be kept to as low a level as is workable. These exposure standards should not be used as fine dividing lines between safe and dangerous concentrations of chemicals. They are not a measure of relative toxicity.

ENGINEERING CONTROLS:

Ensure ventilation is adequate to maintain air concentrations below exposure standards. Use in well ventilated areas. If

inhalation risk exists use with local exhaust ventilation or while wearing organic vapour respirator. Keep containers

closed when not in use.

PERSONAL PROTECTION:

Avoid skin and eye contact and inhalation of vapour. Wear overalls, safety glasses and impervious gloves.

Available

information suggests that gloves made from PVC should be suitable for intermittent contact. However due to variations in

glove construction and local conditions, a final assessment should be made by the user. Use with adequate ventilation. If

inhalation risk exists wear organic vapour respirator meeting the requirements of AS/NZS 1715 and AS/NZS 1716.

Always wash hands before smoking, eating, drinking or using the toilet. Wash contaminated clothing and other protective equipment before storage or re-use.

FLAMMABILITY:

Flammable liquid. Avoid all ignition sources. Flameproof equipment necessary in area where this chemical is being used.

Nearby equipment must be earthed.

SAFE HANDLING INFORMATION

STORAGE AND TRANSPORT:

Classified as a Dangerous Good by the Australian Code For The Transport of Dangerous Goods by Road and Rail. Refer

to relevant regulations for storage and transport requirements.

UN Number: 2319

Class: 3 Flammable Liquid

Hazchem Code: 3[Y]

EPG: 15

Packaging Group: III

Correct Shipping Name: TERPENE HYDROCARBONS, N.O.S. (CONTAINS LIMONENE)

SEGREGATION DANGEROUS GOODS: Not to be loaded with explosives (Class 1), flammable gases (Class 2.1), if

both are in bulk, toxic gases (Class 2.3), spontaneously combustible substances (Class 4.2), oxidising agents (Class 5.1),

organic peroxides (Class 5.2) or radioactive substances (Class 7), or foodstuff and foodstuff empties.

Exemptions may

apply.

Store in a cool well ventilated place out of direct sunlight. Store away from acids, oxidising agents and sources of heat

or ignition. Keep containers closed at all times. Check regularly for leaks.

SPILLS AND DISPOSAL:

Shut off all possible sources of ignition. Increase ventilation. Slippery when spilt. Avoid accidents, clean up immediately.

Wear protective equipment to prevent skin and eye contamination and inhalation of vapours. Contain using sand or soil.

Prevent run off into drains or waterways. Use absorbent (soil, sand, vermiculite or other inert material). Collect and seal

in properly layered drums for disposal. If contamination of sewers or waterways has occurred advise the local emergency services.

DISPOSAL: Refer to State Land Waste Management Authority. Normally suitable for incineration by approved agent.

FIRE/EXPLOSION HAZARD:

Flammable liquid. Heating can cause expansion or decomposition leading to violent rupture of containers. Keep containers cool with water spray. On burning will emit toxic fumes including those of carbon dioxide and carbon monoxide. Fire fighters to wear self-contained breathing apparatus if risk of exposure to vapour or products of combustion.

EXTINGUISHING MEDIA: Water fog (or if unavailable fine water spray), foam, dry agent (carbon dioxide, dry chemical powder).

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OTHER INFORMATION

ENVIRONMENTAL IMPACT:

Avoid contaminating waterways.

This Material Safety Data Sheet summarises at the date of issue our best knowledge of the health and safety hazard

information of the product in the workplace. Since Lab 6 Pty. Ltd. cannot anticipate or control the conditions under which

this product may be used, each user must, prior to usage, review this Material Safety Data Sheet in the context of how

the user intends to handle and use the product in the workplace.

If clarification or further information is needed to ensure that an appropriate assessment can be made, the user should

contact this company.

Lab 6 Pty. Ltd. will not be responsible for damages of any nature resulting from use of or reliance upon the information.

No expressed or implied warranties are given other than those implied mandatorily by Commonwealth, State or Territory legislation.

DATE OF ISSUE: SEPT 2004

REASONS FOR ISSUE: General update and revision

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